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application

Class SearchModule

java.lang.Object

info.movito.themoviedbapi.AbstractTmdbApi

info.movito.themoviedbapi.TmdbSearch

application.SearchModule

```
public class SearchModule
```

```
extends info.movito.themoviedbapi.TmdbSearch
```

This class links with an existing MovieDBAccount object and is used to perform search queries from the database for the current account.

Since:

2017-07-07

Version:

1.0

Author:

Joseph Cutino

Nested Class Summary

Nested classes/interfaces inherited from class info.movito.themoviedbapi.TmdbSearch

```
info.movito.themoviedbapi.TmdbSearch.CollectionResultsPage,  
info.movito.themoviedbapi.TmdbSearch.CompanyResultsPage,  
info.movito.themoviedbapi.TmdbSearch.KeywordResultsPage,  
info.movito.themoviedbapi.TmdbSearch.MultiListResultsPage
```

Field Summary

Fields inherited from class info.movito.themoviedbapi.TmdbSearch

```
TMDB_METHOD_MULTI, TMDB_METHOD_SEARCH
```

Fields inherited from class info.movito.themoviedbapi.AbstractTmdbApi

```
PARAM_ADULT, PARAM_API_KEY, PARAM_ID, PARAM_LANGUAGE, PARAM_PAGE, PARAM_YEAR
```

Constructor Summary

Constructors

Constructor and Description

```
SearchModule(info.movito.themoviedbapi.TmdbApi tmdbApi)  
Public constructor for creating a new searchModule.
```

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type**Method and Description**

<code>info.movito.themoviedbapi.TmdbSearch.MultiListResultsPage</code>	<code>searchByKeyword</code> (<code>java.lang.String keywordSearchString</code> , <code>int pages</code>) This function will return a list of movies and shows that link with the input keyword search string.
<code>info.movito.themoviedbapi.model.core.MovieResultsPage</code>	<code>searchByMovieTitle</code> (<code>java.lang.String searchString</code> , <code>boolean adult</code> , <code>int pages</code>) Function returns a page of results from the movie database pertaining to the input search string.

Methods inherited from class `info.movito.themoviedbapi.TmdbSearch`

`searchCollection`, `searchCompany`, `searchKeyword`, `searchList`, `searchMovie`, `searchMulti`, `searchPerson`, `searchTv`

Methods inherited from class `info.movito.themoviedbapi.AbstractTmdbApi`

`mapJsonResult`, `mapJsonResult`, `mapJsonResult`

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructor Detail**SearchModule**

```
public SearchModule(info.movito.themoviedbapi.TmdbApi tmdbApi)
```

Public constructor for creating a new searchModule.

Parameters:

`tmdbApi` - Used to connect to the movie database.

Method Detail**searchByMovieTitle**

```
public info.movito.themoviedbapi.model.core.MovieResultsPage searchByMovieTitle(java.lang.String searchString,
                                                                                 boolean adult,
                                                                                 int pages)
```

Function returns a page of results from the movie database pertaining to the input search string.

Parameters:

`searchString` - Title to search for related movies with.

`adult` - Used to keep results within user preference.

`pages` - The number of result pages returned.

Returns:

`searchResults` Results found based on the provided criteria.

searchByKeyword

```
public info.movito.themoviedbapi.TmdbSearch.MultiListResultsPage searchByKeyword(java.lang.String keywordSearchString,
                                                                                    int pages)
```

This function will return a list of movies and shows that link with the input keyword search string. Search is only performed on a single keyword. Consider updating search to except and array or ArrayList of keywords to extend search. This constructor creates an exception with a message.

Parameters:

keywordSearchString - User provided keyword to search for related titles.

pages - The number of result pages returned.

Returns:

searchResults MultiListResultsPage which includes movies and TV shows.

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